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NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

**PHOTOGRAPHIC
INTERPRETATION
REPORT**

**ROVNO RADIO COMMUNICATIONS
TRANSMITTER STATION
USSR**



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APRIL 1972

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INSTALLATION OR ACTIVITY NAME

Rovno Radio Communications Transmitter Station

COUNTRY

UR

UTM COORDINATES

NA

GEOGRAPHIC COORDINATES

50-58-55N 026-22-35E

25X1

MAP REFERENCE

ACIC Chart, Series 200, Sheet 0233-6, scale 1:200,000

NEGATION DATE (if required)

NA

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NPIC PROJECT

251426**ABSTRACT**

1. Rovno Radio Communications Transmitter Station consists of an antenna field and a support area. The antennas observed include 19 double rhombic, three single rhombic, and several unidentified arrays. This report provides a description of the station, a line drawing, and two tables containing mensuration and azimuths of the antennas and dimensions of the buildings.

INTRODUCTION

2. Rovno Radio Communications Transmitter Station is in the northwestern part of the Ukrainian SSR near southeastern Poland. It is approximately 21 nautical miles (nm) north of the town of Rovno, 41 nm east-northeast of the city of Lutsk, and 16.6 nm north-northwest of Rovno Radio Communications Receiver Station [REDACTED] It 25X1 situated in a wooded area surrounded by relatively flat marshland.

3. The facility was first reported from KEYHOLE photography of July 1971, which is the imagery used in this analysis.

BASIC DESCRIPTION

4. Rovno Radio Communications Transmitter Station appears to be a major facility. The station contains 19 double rhombic antennas, three single rhombic antennas, and several unidentifiable antennas, possibly additional rhombics (Table 1 and Figure 1). These antennas are arranged around a centrally located two-story transmitter building and a probable small powerplant. A support area at the south end of the facility includes two five-story apartment-type buildings, two adjacent single-story probable domestic services-type buildings, a large probable auditorium or gymnasium-type building, a long two-story administration building, a small steamplant, a large single-story building, a two-story support building with a service apron, a one-story vehicle storage building with a service apron, and four small structures (Table 2). The entire area appears to be secured by a single fence.

5. No identification of microwave antennas was made. No cabling was observed between this installation and Rovno Radio Communications Receiver Station.

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REFERENCES

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MAPS OR CHARTS

ACIC Chart, Series 200, Sheet 0233-6, scale 1:200,000

RELATED DOCUMENTS

USSR. Committee of Standards, Measurements, and Instruments. The USSR Council of Ministers, GOST 8025-67,
Transmitting Shortwave Wideband Balanced Antennas (Counterfeed), Moscow 1967 (UNCLASSIFIED)

REQUIREMENT

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NPIC/IEG/WGD/SSB Project 251426

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